

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1-36. (Canceled)

37. (Currently amended) An expression vector comprising a nucleotide sequence encoding human 5T4 antigen, wherein said human 5T4 antigen is modified to differ from a naturally occurring 5T4 antigen and comprises an HLA CTL peptide epitope of 5T4 antigen, and wherein said the modified human 5T4 antigen is a peptide fragment between 5 and 25 amino acids in length and is capable of inducing an antitumor immunotherapeutic response in a subject.

38. (Canceled)

39. (Previously presented) The expression vector according to claim 37, wherein said antitumor immunotherapeutic response is a CTL response or an antibody response.

40. (Canceled)

41. (Currently amended) The expression vector according to claim 37, wherein the peptide fragment ~~said human 5T4 antigen~~ comprises a peptide sequence selected from SEQ ID NOS: 5-17.

42-47. (Canceled)

48. (Previously presented) A pair of vectors for priming and boosting an immune response to human 5T4 antigen in a subject, said pair of vectors comprising a first vector which is a vector according to claim 37 and a second vector comprising a nucleotide sequence encoding human 5T4 antigen, wherein said second vector is a poxvirus vector.

49. (Previously presented) The pair of vectors according to claim 48, wherein said first vector is a poxvirus vector.

50. (Previously presented) The pair of vectors according to claim 48, wherein said first vector is MVA.

51. (Previously presented) The pair of vectors according to claim 48, wherein said second vector is MVA.

52. (Canceled)

53. (Currently amended) The pair of vectors according to claim 48, wherein said human 5T4 antigen encoded by said second vector is modified to differ from a naturally occurring 5T4 antigen and comprises an HLA CTL peptide epitope of 5T4 antigen, and wherein the modified human 5T4 antigen is a peptide fragment between 5 and 25 amino acids in length.